

EIC SEARCH RESULTS

Serial No. 10/501,055 – Spatial field effect physical therapy device

Searcher: Ethel Leslie

Date: August 23, 2007

Foreign & International Patent Search

Search Strategy

Set	Items	Description
S1	4313399	S COLUMN? OR ROD OR RODS OR PILLAR? OR TUBE? ? OR POLE? ? OR SHAFT? ? OR PIECE OR PIECES OR LOG OR LOGS OR SEGMENT? ? OR STICK OR STICKS OR BATON? ? OR WAND OR WANDS OR STAFF OR STAFFS OR PEG OR PEGS OR PIN OR PINS
S2	476211	S SQUARE? OR RECTANG? OR PARALLELOGRA?
S3	8038525	S ARRAY? OR SET OR SETS OR GROUP? ? OR CLUSTER? ? OR COLLECTION? ? OR SERIES OR SERIAL? OR ARRANG??? OR ARRANGEMENT? OR REARRANG? OR ROW OR ROWS OR LINE? ? OR ALIGN? OR SIDE()BY()SIDE
S4	1768002	S S1 AND S2:S3
S5	11	S YIJING OR (YI OR I)() (JING OR CHING OR KING) OR YICHING OR YIKING OR IJING OR ICHING OR IKING
S6	368372	S (EIGHT OR 8) (2W) (EIGHT OR 8) OR (SIXTY()FOUR OR 64) (2N) (CELL OR CELLS)
S7	199764	S S1(10N) (LENGTH? OR LONG OR LONGNESS OR SHORT OR SHORTNESS OR SIZE? ? OR DISTANCE? ? OR MEASUR? OR DIMENSION?)
S8	96952	S THERAP? OR TREAT? OR PHYSIOTHERAP?
S9	38276	S MEDICAL? OR SURGICAL? OR SURGERY OR SURGERIES OR VETERINAR? OR BIOMEDICAL? OR CLINICAL?
S10	55648	S IC=(A61B? OR A61D? OR A61H? OR A61N? OR A63B? OR A63H?)
S11	5489	S (EIGHT OR 8) () (BY OR X) () (EIGHT OR 8) OR (SIXTY()FOUR OR 64) (2N) (CELL OR CELLS)
S12	405	S S11 (S)S7
S13	159	S S7(25N)S11
S14	21	S S13 AND S8:S10
S15	50246	S S1(7N)S2
S16	626348	S S1(7N)S3
S17	3067	S S15 AND S16 AND S7
S18	2050	S S15(S)S16(S)S7
S19	92	S S18 AND S10
S20	91	S S19 NOT (S14 OR S5)
S21	91	S S18 AND S8:S9
S22	75	S S21 NOT S20
S23	14451	S S2(5N)S3
S24	1775	S S23(S)S7
S25	957	S S23(25N)S7
S26	77	S S24:S25 AND S8:S9
S27	81	S S24:S25 AND S10
S28	68	S S26:S27 NOT (S5 OR S14 OR S20 OR S22)
S29	46133	S S1(5N)LENGTH??,
S30	637	S S29 AND S23
S31	20	S (S30 NOT (S5 OR S14 OR S20 OR S22 OR S28)) AND S8:S10

[File 350] **Derwent WPIX** 1963-2007/UD=200753
 (c) 2007 The Thomson Corporation. All rights reserved.
 [File 347] **JAPIO** Dec 1976-2007/Mar(Updated 070809)
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 [File 344] **Chinese Patents Abs** Jan 1985-2006/Jan
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Search Results

5/25/4 (Item 4 from file: 350)
 Derwent WPIX ***** CURRENT APPLICATION *****
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0013584590 *Drawing available*
 WPI Acc no: 2003-679308/200364
 XRPX Acc No: N2003-542397

Spatial field effect physical therapy device has Yijing columns of specified heights arranged at rows and columns forming square array

Patent Assignee: ZHENG J (ZHEN-I)
 Inventor: ZHENG J

Patent Family (13 patents, 101 countries)

Patent Number	Kind	Date	Update	Type
WO 2003059448	A1	20030724	200364	B
AU 2003203325	A1	20030730	200421	E
EP 1475126	A1	20041110	200473	E
KR 2004075354	A	20040827	200504	E
BR 200307176	A	20041207	200507	E
US 20050076923	A1	20050414	200526	E
JP 2005514182	W	20050519	200538	E
CN 1642598	A	20050720	200575	E
MX 2004006866	A1	20050901	200615	E
IN 200401126	P2	20060224	200619	E
NZ 534605	A	20060428	200632	E
ZA 200406454	A	20060628	200648	E
AU 2003203325	B2	20061012	200723	E

Local Applications (no., kind, date): WO 2003CN24 A 20030114; AU 2003203325 A 20030114; EP 2003701449 A 20030114; WO 2003CN24 A 20030114; KR 2004711021 A 20040715; BR 20037176 A 20030114; WO 2003CN24 A 20030114; WO 2003CN24 A 20030114; US 2004501055 A 20040709; JP 2003559607 A 20030114; WO 2003CN24 A 20030114; CN 2003806121 A 20030114; WO 2003CN24 A 20030114; MX 20046866 A 20040715; WO 2003CN24 A 20030114; IN 2004KN1126 A 20040809; NZ 534605 A 20030114; WO 2003CN24 A 20030114; ZA 20046454 A 20040813; AU 2003203325 A 20030114

Priority Applications (no., kind, date): CN 2002200567 U 20020115

Alerting Abstract WO A1

NOVELTY - Sixty four **Yijing** columns are arranged in 9 rows and 9 columns on a base. The height of the columns are 2-18 unit lengths. The sums of heights of the columns at the diagonal ends of any arbitrary rectangle formed by 4

Yijing columns are set equal.

USE - For physio-therapy applications.

ADVANTAGE - Enables effective cure for pains in human body without any input energy.

DESCRIPTION OF DRAWINGS - The figure shows a top view of the spatial field effect physical therapy device.

5/25/5 (Item 5 from file: 350)

Derwent WPIX

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0010847209 Drawing available

WPI Acc no: 2001-465677/200150

XRPX Acc No: N2001-345454

Device to interpret oracle according to Chinese 'I Ching' wisdom; has six square sticks, each stick marked with continuous or discontinuous line on both sides of each of four long faces

Patent Assignee: ROLLE D F (ROLL-I)

Inventor: ROLLE D F

Patent Family (2 patents, 92 countries)

Patent Number	Kind	Date	Update	Type
WO 2001055996	A1	20010802	200150	B
AU 200066799	A	20010807	200174	E

Local Applications (no., kind, date): WO 2000CH469 A 20000905; AU 200066799 A 20000905

Priority Applications (no., kind, date): CH 2000168 A 20000128

Alerting Abstract WO A1

NOVELTY - The device has six square sticks (11). Each stick is marked with a continuous (7) or discontinuous (8) line on both sides of each of the four long faces. The faces on the sticks that have different types of line have a central mark (6), such as a dot or a cross.

DESCRIPTION - Three of the sticks have a pair of continuous lines on two faces, a pair of discontinuous lines on one face and a discontinuous line on the left and a continuous line on the right on the fourth face. The other three sticks have a pair of discontinuous lines on two faces, a pair of continuous lines on one face and a continuous line on the left and a discontinuous line on the right on the fourth face.

USE - To interpret oracle according to Chinese 'I Ching' wisdom.

ADVANTAGE - It is possible to interpret oracle according to the **I Ching** in an easier, clearer and faster manner than with the prior art, by presenting change hexagram simultaneously without need to deduce by calculating.

DESCRIPTION OF DRAWINGS - The figure shows how the hexagrams are laid out, stick by stick, on a plane surface, beginning with the lowest line.

6 Central mark, indicating a change between left and right marks

7 Continuous line

8 Discontinuous line

11 Square sticks

12 Lowest stick, which is placed first

13 Uppermost stick, which is laid last
 14 Start hexagram
 15 Change hexagrams
 16 Unvaried, or fixed lines
 17 Change lines

5/25/6 (Item 6 from file: 350)

Derwent WPIX

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0009611122 Drawing available

WPI Acc no: 1999-560786/199947

XRPX Acc No: N1999-414334

Dice-like apparatus for calculating lines of I Ching hexagrams

Patent Assignee: PATTON D L (PATT-I)

Inventor: PATTON D L

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
US 5957452	A	19990928	199947	B

Local Applications (no., kind, date): US 1997990242 A 19971215

Priority Applications (no., kind, date): US 1997990242 A 19971215

Alerting Abstract US A

NOVELTY - The apparatus has three polyhedral pieces individually provided with equal area faces divisible by four. One polyhedral piece (30) has an indicia consisting of the numbers two and three with a ratio of 1 is to 3. The two other polyhedral pieces (32,32) also consist of the numbers two and three at a ratio of 2 is to 2.

DESCRIPTION - An INDEPENDENT CLAIM is also included for the lines selecting method for **I Ching** hexagrams.

USE - Dice-like apparatus for calculating lines of **I Ching** hexagrams (Claimed).

ADVANTAGE - Allows user of the **I Ching** to generate lines and hexagrams according to the same frequency distribution as the yarrow-stalk method, while maintaining the ease of using coins. Encourages users of the **I Ching** to reach a deeper appreciation and understanding of its philosophy and underlying logical structure. Reintroduces users of the **I Ching** to the original intricacy of the system. Easy to use, aesthetically pleasing and respectful of the **I Ching**. Portable since it can be placed in a pocket or pouch.

DESCRIPTION OF DRAWINGS - The figure shows the three sides of the dice-like apparatus.

30 Polyhedral piece

32,32 Polyhedral pieces

5/25/8 (Item 8 from file: 350)

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0008116144 Drawing available

WPI Acc no: 1997-215239/199720

XRPX Acc No: N1997-177466

Reader for I-ching display hexagram - has support base with post to support concentric discs carrying indicia on edge

Patent Assignee: MEYNARD A (MEYN-I)

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
FR 2738498	A1	19970314	199720	B

Local Applications (no., kind, date): FR 199510793 A 19950912

Priority Applications (no., kind, date): FR 199510793 A 19950912

Alerting Abstract FR A1

The reader has six circular concentric supports (1-6) which can rotate around a central axis (12). This assures their cohesion and fixing on an external support separated by equidistant segments are yin-yang traits following a given precise order.

On the exterior support of the concentric supports, there is a triangular fixed marking with which the circular supports can be aligned. This allows reading of the hexagram at the level of a guide mark.

ADVANTAGE - Guarantees same probability for reading of each hexagon.

5/25/9 (Item 9 from file: 350)

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0005293166 Drawing available

WPI Acc no: 1990-289565/199038

XRPX Acc No: N1990-222870

Symbol formation system - has bar magnets selected at random to define visual display

Patent Assignee: KATZ D (KATZ-I)

Inventor: KATZ D

Patent Family (2 patents, 15 countries)

Patent Number	Kind	Date	Update	Type
US 4953864	A	19900904	199038	B
EP 473849	A	19920311	199211	NCE

Local Applications (no., kind, date): US 1989369615 A 19890621; EP 1990309681 A 19900904

Priority Applications (no., kind, date): US 1989369615 A 19890621; EP 1990309681 A 19900904

Alerting Abstract US A

Indistinguishable magnets, preferably bar magnets, are selected at random and

brought into proximity, allowing the magnetic poles of the magnets, so juxtaposed, to exhibit attraction or repulsion.
 States of the lines of the trigram or hexagram as broken or unbroken are assigned to each observed magnetic interaction. The lines so determined are visually displayed as a group to form the **I-Ching** hexagram.
 USE - A system for successively determining each line of a trigram or hexagram used in consulting the **I-Ching**.

5/25/10 (Item 10 from file: 350)

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0003329017

WPI Acc no: 1985-092581/198515

Board-game with inverting playing-pieces - has board subdivided into 64 uniform squares, each with apparently random numeral

Patent Assignee: PERRY M E (PERR-I)

Inventor: PERRY M E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
US 4506893	A	19850326	198515	B

Local Applications (no., kind, date): US 1983479262 A 19830328

Priority Applications (no., kind, date): US 1983479262 A 19830328

Alerting Abstract US A

The board game has a squarely configured playing board which is subdivided into eight (8) rows and eight (8) columns of uniformly dimensioned squares. Each square has a numeral so that the squares appear to be randomly numbered although the pattern of the numbering system corresponds to the Table of Numbers from the Book of Change. The playing pieces are coded so that each piece has a top and a bottom half.

In playing the game, jumping an opponent's piece results in inversion of the jumped piece and the inverted piece may regain its original, position by jumping an opponent's piece. However, an inverted piece must be removed from the board if it is jumped a second time. The game is won by either capturing, by jumping, all of one's opponent's pieces, or by successfully arranging three of one's own pieces in contiguous, linearly aligned relation to one another on an opponent's back row.

USE - To teach difficult philosophical concepts to the players.

20/25/31 (Item 31 from file: 350)

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0009227847

WPI Acc no: 1999-154517/199914

XRPX Acc No: N1999-111441

Playing method of multifunctional teaching game - has group of 10 square columns with different lengths in 10 specifications used for simple maths

operations e.g. addition, subtraction, multiplication and division, or as building blocks, and square columns for teaching carry

Patent Assignee: CAO J (CAOJ-I)

Inventor: CAO J

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
CN 1199209	A	19981118	199914	B

Local Applications (no., kind, date): CN 1998101249 A 19980403

Priority Applications (no., kind, date): CN 1998101249 A 19980403

22/25/2 (Item 2 from file: 350)

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0014162653 Drawing available

WPI Acc no: 2004-347665/200432

Related WPI Acc No: 2006-432859

XRPX Acc No: N2004-278226

Rehabilitating process for neurological pathways of persons subjected to neurological trauma, involves manipulating and placing dowels and rings to perform reach training or therapeutic function

Patent Assignee: GOODWIN R E (GOOD-I)

Inventor: GOODWIN R E

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
US 20040081948	A1	20040429	200432	B

Local Applications (no., kind, date): US 2002280983 A 20021028

Priority Applications (no., kind, date): US 2002280983 A 20021028

Alerting Abstract US A1

NOVELTY - Two, like graded activity boards in the form of first **clinical** or large model and second take home board or smaller version are provided. The first **clinical** or large model comprises two panels forming a frame with front, back, upper and lower sides held together at the top by two cabinet hinges and at the bottom by a table hinge which allows panels to fold.

DESCRIPTION - Two rows of evenly spaced pre-glued dowel pins hold four sizes of black and white tube rings at the very top of the front panel. The front panel has a third row of eight colored square blocks followed by five rows of evenly spaced graded colored dowels. The back panel has one hundred sixty small five-sixteenth peg holes that hold the same size dowels. The second take home board or smaller version is exactly the same as the **clinical** board except the front panel of the board is in proportion with the back of the board and has four less reaches on the two rows of block and white circles and half as many reaches with the **square** blocks of five rows of graded **pegs**. Reach training is elicited through grasping and releasing the graded pegs. Traumatized muscles or neurological pathways are facilitated, through

manipulating and placing the dowels and rings to perform reach training or **therapeutic** function.

USE - For rehabilitating neurological pathways of persons subjected to neurological trauma effecting upper extremity as in stroke.

ADVANTAGE - Induces long lasting permanent changes in chronic upper extremity paralysis and for discharge plan that follow. Offers patient/ **therapist** motivation by providing board for **therapist** in work place for reliable **therapy** and another board for patient to use at home after discharge.

DESCRIPTION OF DRAWINGS - The figure shows the front view of the **clinical** and take home boards combined together.

22/25/28 (Item 28 from file: 350)

Derwent WPIX

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0008014876 *Drawing available*

WPI Acc no: 1997-107700/199710

XRPX Acc No: N1997-089112

Planar permanent magnet edge-field quadrupole used in appts. for e.g medical diagnosis, research - has four rectangular magnetised pieces with similar dimensions arranged in two planar arrays adapted to generate field with quadrupole component close to device axis

Patent Assignee: UNIV LELAND STANFORD JUNIOR (STRD)

Inventor: TATCHYN R O

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
US 5596304	A	19970121	199710	B

Local Applications (no., kind, date): US 1994219769 A 19940329

Priority Applications (no., kind, date): US 1994219769 A 19940329

Alerting Abstract US A

The quadrupole includes four rectangular pieces of permanent magnet material with similar geometrical and dimensional parameters. Each piece is magnetised to a similar level of magnetic field strength. The four **pieces** are configured into two planar arrays of two **pieces** each. The **arrays** are located at an equal **distance** above and below the axis of particle motion, with one array parallel to and directly above the other.

The two adjacent pieces are magnetised in a direction perpendicular to the plane of the **array**, with the sense of magnetisation of the **piece** on the left opposite to the magnetisation sense of the other. The magnetisation sense of each **piece** in the top **array** is the same as the magnetisation sense of the piece directly below it. The two adjacent pieces are separated by a horizontal gap of adjustable **size**. The **dimensions**, positions, and magnetisation of the **pieces** produce a field distribution that is quadripolar out to a **distance** away from the symmetry axis intermediate between zero and approximately one half of the full vertical gap size.

ADVANTAGE - Has tunable parameter G. Can be configured in focusing arrays. Has minute vertical thickness for development of miniaturised particle accelerating machines, focusing lattices, insertion devices.

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28/25/38 (Item 38 from file: 350)

Derwent WPIX

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0008194242 Drawing available

WPI Acc no: 1997-297911/199727

XRPX Acc No: N1997-246192

Instructional building game used as educational tool for e.g. children, youths, etc. - has modular blocks with circular surface slots for linking by tubes, including flat covers with tubular projections on one side for linking blocks

Patent Assignee: LASERNA FERNANDEZ S (FERN-I)

Inventor: LASERNA FERNANDEZ S

Patent Family (3 patents, 22 countries)

Patent Number	Kind	Date	Update	Type
WO 1997018877	A1	19970529	199727	B
ES 2109885	A1	19980116	199810	E
ES 2109885	B1	19980801	199838	E

Local Applications (no., kind, date): WO 1996ES219 A 19961120; ES 19952272 A 19951120; ES 19952272 A 19951120

Priority Applications (no., kind, date): ES 19952272 A 19951120

Alerting Abstract WO A1

The construction game consists of basic modular blocks (2) having two square bases and four **rectangular** sides. A secondary group of blocks have a volume which is a fraction of that of the basic blocks with e.g. all sides square and of same **size**. All the blocks can be linked by smooth or ridged **tubes** inserted in circular slots (3) distributed equidistantly in all faces.

On some faces, the slots may be replaced in one or more positions by tubular projections fitting into slots in other blocks. It also includes flat covers (5) with tubular projections on one side for linking the blocks.

ADVANTAGE - The blocks have simple shape and a limited number of parts for easy manufacture and use. Finished constructions have a smooth outer appearance, free from projections.

28/5/63 (Item 1 from file: 347)

JAPIO

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08708962 **Image available**

SECTIONAL SET

Pub. No.: 2006-102322 [JP 2006102322 A]

Published: April 20, 2006 (20060420)

Inventor: KOGANEMARU AKIRA

Applicant: KOGANEMARU AKIRA
Application No.: 2004-295286 [JP 2004295286]
Filed: October 07, 2004 (20041007)

International Patent Class (v8 + Attributes)
IPC + Level Value Position Status Version Action Source Office:

A47B-0047/00	A I F B 20060101 20060324 H JP
A47B-0047/04	A I L B 20060101 20060324 H JP
A47B-0087/00	A I L B 20060101 20060324 H JP
A63H-0033/08	A I L B 20060101 20060324 H JP
F16B-0005/10	A I L B 20060101 20060324 H JP
F16B-0012/12	A I L B 20060101 20060324 H JP
F16B-0012/18	A I L B 20060101 20060324 H JP

ABSTRACT

PROBLEM TO BE SOLVED: To provide a sectional set for allowing furniture, which has various shapes by freely combining a plurality of plate-like members, to be constituted with a firm structure and to be used as an intellectual training toy which is enjoyed by various combinations.

SOLUTION: The sectional set is provided with a plate body **group G** including a substantially **square** shape first plate body 1; and second and third plate bodies 2, 3 having a length dimension being substantially twice and three times as long as that of the first plate body 1. The second and third plate bodies 2, 3 respectively have slits 25, which are notched in a width direction to perform equal division by length dimension being the same as that of the first plate body 1, in one long side parts 20A. The first, second, third plate bodies 1, 2, 3 respectively include **short projection piece** parts 8, 8 which are projected by having a small step part from both the end parts of one side parts 10 and the other long side parts 20B along side parts 13, 13 and 23, 23.

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31/25/14 (Item 14 from file: 350)

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0006781211 *Drawing available*

WPI Acc no: 1994-166459/199420

XRPX Acc No: N1994-131115

Surgical channel ligament clamp - has multiple pointed parallel pins extending parallel to channel side walls

Patent Assignee: GOBLE E M (GOBL-I); SOMERS W K (SOME-I)

Inventor: GOBLE E M; SOMERS W K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Update	Type
US 5314427	A	19940524	199420	B

Local Applications (no., kind, date): US 1992959546 A 19921013

Priority Applications (no., kind, date): US 1992959546 A 19921013

Alerting Abstract US A

The ligament clamp comprises a thin flat rectangular section of a material that is suitable for human implantation, with the opposite parallel side portions bent at approximately right angles to form identical short parallel upstanding side walls. The clamp constitutes a channel section.

The parallel side walls of the channel section each have a smooth flat bone engaging edge and are each of a height to contain, without crushing a section of a ligament fitted between. Equal **length**, spaced apart pointed **pins** extend beyond the parallel side walls.

ADVANTAGE - Allows clamping of ligament without crushing.

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NPL Database Search #1

Search Strategy

Set	Items	Description
S1	6252395	S COLUMN? OR ROD OR RODS OR PILLAR? OR TUBE? ? OR POLE? ? OR SHAFT? ? OR LOG OR LOGS OR STICK OR STICKS OR BATON? ? OR PEG OR PEGS OR PIN OR PINS
S2	2705312	S SQUARE? OR RECTANG?
S3	16922472	S ARRAY? OR SET OR SETS OR CLUSTER? ? OR COLLECTION? ? OR SERIES OR SERIAL? OR ROW OR ROWS
S4	1805770	S S1 AND S2:S3
S5	687	S YIJING OR (YI OR I) () (JING OR CHING OR KING) OR YICHING OR YIKING OR IJING OR ICHING OR IKING
S6	34298	S S1(5N) (LENGTH? OR SIZE OR SIZES)
S7	368791	S THERAP? OR TREAT? OR PHYSIOTHERAP?
S8	270460	S MEDICAL? OR SURGICAL? OR SURGERY OR SURGERIES OR VETERINAR? OR BIOMEDICAL? OR CLINICAL?
S9	12	S S5 AND S6
S10	10	RD (unique items)
S11	110	S S5(S)S2:S3
S12	108	S S11 NOT S9
S13	84	RD (unique items)
S14	18688	S S2(10N)S3
S15	27	S S5 AND S14
S16	20	S S15 NOT (S9 OR S12)
S17	12	RD (unique items)
S18	14	S S5(10N)S7:S8
S19	6	S S18 NOT (S9 OR S12 OR S16)

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[File 91] **MANTIS(TM)** 1880-2007/Apr
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Search Results

No relevant results.

NPL Database Search #2

Search Strategy

Set	Items	Description
S1	61	SELECT ((YIJING OR (YI OR I)) (JING OR CHING OR KING) OR YICHING OR YIKING OR IJING OR ICHING OR IKING)) AND (PHYSIOTHERAP? OR (PHYSICAL OR PHYSIO) () THERAP?)
S2	26	S S1/2005:2007
S3	35	S S1 NOT S2
S4	24	RD (unique items)

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Derwent Accession: 2004-745525

Utility

M/ **Non-linear ergonomic keyboard**

Inventor: Cheng, Cheng Tung, 415 Clyde Ave., Suite 101, Mountain View, CA, 94041

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Assignee: Unassigned

Unassigned Or Assigned To Individual (Code: 68000)

Examiner: Evanisko, Leslie J. (Art Unit: 284)

Combined Principal Attorneys: Chien-Hale, Elizabeth

	Publication Number	Kind	Date	Application Number	Filing Date
Main Patent	US 6802662	A	20041012	US 2003631292	20030731

Fulltext Word Count: 4598

Abstract:

...the fingers, the wrists, the forearms, and the shoulders are in a natural position. An asymmetrical element, supported by asymmetrical theory of nature discussed in **I-Ching** and embodied in the He Tu diagram, may be introduced into the geometry arrangement. The creation of asymmetrical groups are detailed which allow more ergonomic ...

Summary of the Invention:

...People in the field, such as **physical therapist** and ergonomics experts, have all pointed out that it is important for a

typist's hands be in a straight line with his or her...

Description of the Invention:

...The inspiration and theory of this asymmetrical design came from the ancient text The Book of Changes, or **I-Ching**. The ancient Chinese considered numbers to be alive and applied them to medicine and astrology, among other things. Therefore, according to concepts in **I-ching** and embodied in the He Tu diagram, all things in nature are always changing with two opposite elements which are always asymmetrical. The asymmetrical placements...

...and keys 110 in this inventive keyboard are the optimal arrangement representing this concept. Such concepts are discussed in detail in The Numerology of the **I-Ching** by Alfred Huang, and The **I-Ching**, translated into English by Cary Baynes from a German translation by Richard Wilhelm. Relevant pages from both books are hereby incorporated by reference...